



MISSOURI DEPARTMENT OF  
**HEALTH**

**Bob Holden**  
Governor  
**Maureen E. Dempsey, M.D.**  
Director

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P.O. Box 570, Jefferson City, MO 65102-0570 • 573-751-6400 • FAX 573-751-6010

**TO:** Local health agencies, Missouri Department of Health District Offices, Hospital Infection Control Practitioners and Infectious Disease Specialists, Veterinarians, Missouri Influenza Sentinel Physicians, and Other State Infectious Disease Directors

**FROM:** Howard Pue, DVM, MS, Section Chief  
Communicable Disease Control and Veterinary Public Health

**SUBJECT:** Monthly Communicable Disease Update (**Provisional**) May 2001  
(through week 22 ending June 2, 2001)

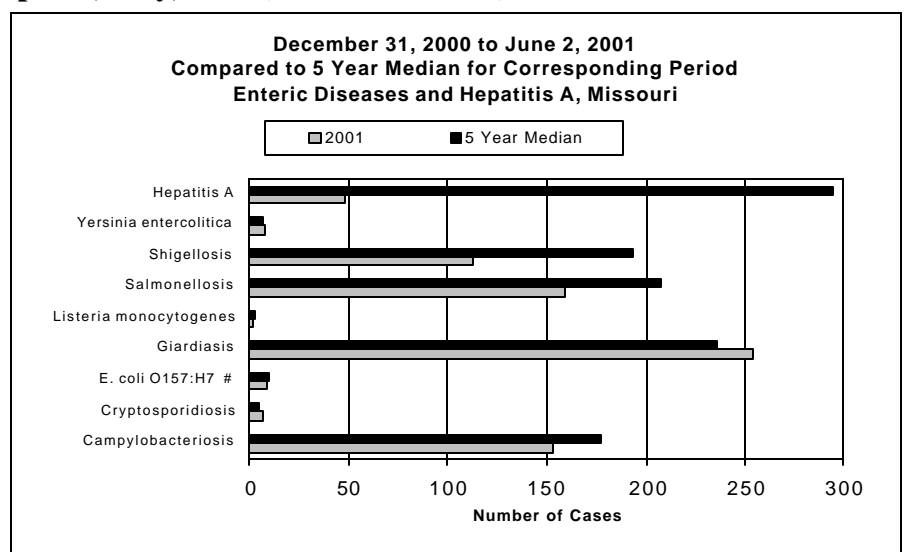
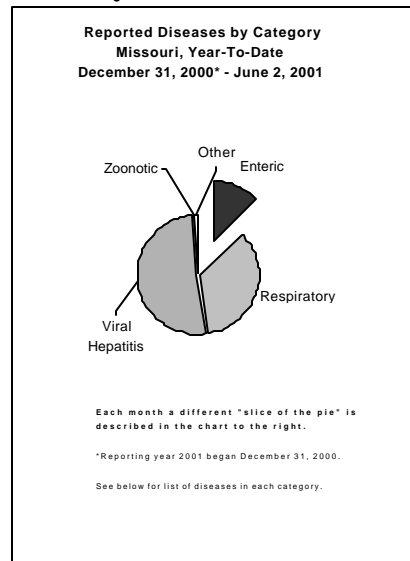
**DATE:** June 20, 2001

The Section of Communicable Disease Control and Veterinary Public Health publishes a monthly update on selected reported communicable diseases. The Section is responsible for reportable communicable diseases without federal funding. This information may also be found on the Missouri Department of Health (MDOH) Homepage at [www.health.state.mo.us](http://www.health.state.mo.us) under Diseases & Conditions.

Educational literature may also be found at this web site in the Publications Section.

The After Hours Emergency Number for the Missouri Department of Health is (573) 751-4674. Diseases can be reported to the local health authority or the Missouri Department of Health at (800) 392-0272.

## Monthly Communicable Disease Update, May, 2001 (Provisional Data)



### Reported Cases of Selected Diseases by Category

	2001	2001	2000	5 Year Median	% Change	Number of Cases, May 2001 by Health District							
	May	YTD	YTD	YTD	5 Year Median	CD	ED	NE	NW	SE	SW	Unk	
Enteric Diseases													
Campylobacteriosis	35	153	191	177	-	13.56%	1	22	1	4	3	4	
Cryptosporidiosis	0	6	6	5	+	20.00%	0	0	0	0	0	0	
E. coli O157:H7 #	2	9	28	10	-	10.00%	1	1	0	0	0	0	
Giardiasis	55	254	272	236	+	7.63%	10	37	1	7	0	0	
Listeria monocytogenes	1	2	2	3	-	33.33%	0	0	0	1	0	0	
Salmonellosis	39	159	240	208	-	23.56%	2	15	3	8	4	6	1
Shigellosis	34	113	251	193	-	41.45%	0	34	0	0	0	0	
Yersinia enterocolitica	0	8	5	7	+	14.29%	0	0	0	0	0	0	
Respiratory													
Influenza (Lab Confirmed)	7	1834	2421	942	+	94.69%	0	5	0	1	1	0	
Legionellosis	0	9	7	7	+	28.57%	0	0	0	0	0	0	
Viral Hepatitis													
Hepatitis A	4	48	181	295	-	83.73%	1	0	1	1	1	0	
Hepatitis B	7	49	58	106	-	53.77%	1	2	0	2	1	1	
Hepatitis C (Acute)*	1	11	5	na	na	na	0	0	0	0	0	1	
Hepatitis C (Non-Acute)*	314	2619	2808	na	na	na	66	117	8	44	36	39	4
Zoonotic													
Ehrlichiosis	3	5	7	0	+	~	2	1	0	0	0	0	
Lyme Disease	4	7	14	14	-	50.00%	1	3	0	0	0	0	
Rocky Mtn Spotted Fever	4	11	3	3	+	266.67%	1	0	0	1	1	1	
Tularemia	0	0	3	3	-	100.00%	0	0	0	0	0	0	
Other													
HIB Disease	2	11	8	3	+	266.67%	0	0	0	2	0	0	
Malaria	1	4	3	6	-	33.33%	0	1	0	0	0	0	
Meningococcal Disease	4	26	33	46	-	43.48%	0	4	0	0	0	0	
*Hep C became reportable in 1997; it was previously included in Hepatitis Non A, Non B. Reportable diseases of very low incidence (<10 cases in previous year) are not included. ~not divisible by zero													

### 1999 Population Estimates by Missouri Health District

Central (CD)	Eastern (ED)	Northeast (NE)	Northwest (NW)	Southeast (SE)	Southwest (SW)
693,250	1,901,833	248,910	1,289,268	549,419	775,113

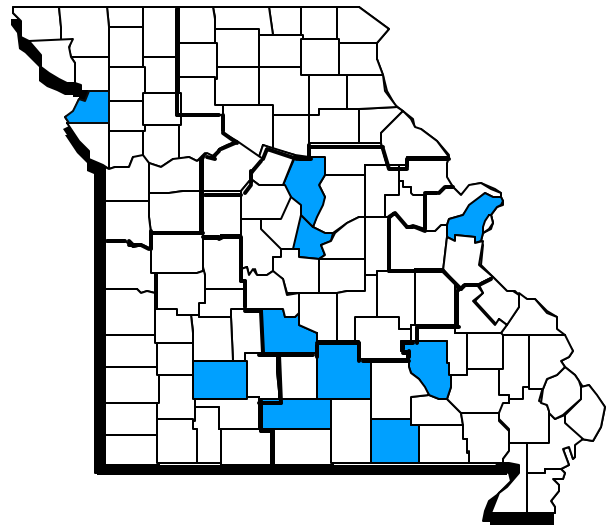
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## Monthly Communicable Disease Update, May, 2001 (Provisional Data)

### Confirmed Rabies in Animals

Species	May		YTD	
	# Exams	# Positive	# Exams	# Positive
Dog	84	0	277	1
Cat	72	1	245	1
Bat	102	4	266	7
Skunk	3	0	23	3
Fox	4	0	9	0
Cow	2	0	20	0
Horse	1	0	4	1
Ferret	1	0	6	0
Raccoon	28	0	87	0
Rodent/Rabbit	32	0	61	0
Other Domestic	2	0	3	0
Other Wild	6	0	22	0
Exotic	0	0	1	0
Total	337	5	1024	13

Confirmed Animal Rabies in Missouri  
By Health District  
December 31, 2000 - June 2, 2001



Counties Under Rabies Alert: Greene

### Active Surveillance System

Local health agencies have established surveillance sites that report clinical symptoms. This system is intended to rapidly assess changes in the community's health. The current reporting format was implemented in July, 1998.

Signs and Symptoms of Diseases or Conditions	2001	2000	May 2001 by Health District					
	May	May	CD	ED	NE	NW	SE	SW
<b>Animal Bites</b>	438	267	69	59	22	175	57	56
Eye Redness w/drainage	2,027	1,922	680	111	220	385	446	185
<b>Gastro Intestinal illnesses</b>								
Diarrhea and/or vomiting	6,521	6,602	1,391	235	552	2,272	1,432	639
Other	852	68	0	117	76	303	230	126
<b>Respiratory Illness</b>								
Flu-like illness	4,531	4,580	992	177	329	1,844	749	440
Pneumonia	1,075	531	226	114	98	242	300	95
Other URI	3,883	1,186	322	193	455	826	1,589	498
Strep	1,890	1,238	377	257	138	671	276	171
Mono	116	38	28	4	6	44	30	4
<b>Rash Illnesses</b>								
Chickenpox (varicella)	780	688	193	68	72	197	148	102
Shingles (varicella zoster)	93	34	15	3	12	25	27	11
Fifth Disease	474	107	185	88	34	68	45	54
Hand, Foot & Mouth Disease	35	49	8	0	1	7	18	1
Other	751	179	269	68	38	190	93	93
<b>Hepatitis</b>								
Hepatitis A	3	5	1	0	0	1	1	0
Hepatitis B	15	6	1	0	0	3	5	6
Hepatitis C	110	36	6	0	2	35	13	54
<b>Infestations</b>								
Pediculosis	1,668	2,379	396	22	114	290	553	293
Scabies	62	91	21	1	6	11	17	6
Other	61	29	0	4	9	16	9	23
<b>Central nervous system illnesses</b>								
Encephalitis	2	1	0	0	0	0	0	2
Meningitis	9	22	0	0	0	3	2	4
Hypothermia	0	38	0	0	0	0	0	0
Hyperthermia	12	61	0	0	1	11	0	0
Other	25	0	0	0	0	8	3	14